

EDITORIAL 179

ARTICLES

PULMONARY ARTERIOVENOUS MALFORMATION: SCINTIGRAPHIC DEMONSTRATION AND ANALYSIS
Michael A. Weiss, Mordecai Koenigsberg, and Leonard M. Freeman 180

INITIAL CLINICAL EXPERIENCES WITH A FRESNEL ZONE-PLATE IMAGER
Melvin H. Farmelant, Gordon DeMeester, David Wilson, and Harrison Barrett 183

LIVER SCAN SHOWING INTENSE UPTAKE IN NEOPLASIA AND INFECTION
John J. Imarisio 188

CHANGES IN ^{87m}Sr CONCENTRATIONS IN SKELETAL METASTASES IN PATIENTS RESPONDING TO CYCLICAL COMBINATION CHEMOTHERAPY FOR ADVANCED BREAST CANCER
Peter J. Gillespie, J. Lyle Alexander, and George A. Edelstyn 191

CHANGES IN LIVER SCAN FOLLOWING SPLENECTOMY
James R. Custer and Rex B. Shafer 194

PHOTON ABSORPTIOMETRY AND SKELETAL MASS IN THE TREATMENT OF OSTEOPOROSIS
John F. Aloia, Kenneth Ellis, Italo Zanzi, and Stanton H. Cohn 196

BRAIN TUMOR-SCANNING AGENTS COMPARED IN AN ANIMAL MODEL
Tad Konikowski, Monroe F. Jahns, Thomas P. Haynie, and Howard J. Glenn 200

SCINTIGRAPHIC IMAGING OF A BLIND-ENDING URETERAL DUPLICATION
Arthur B. Dublin, Robert C. Stadalnik, Gerald L. DeNardo, and John M. Vogel 208

APPLICATION OF ANNIHILATION COINCIDENCE DETECTION TO TRANSAXIAL RECONSTRUCTION TOMOGRAPHY
Michael E. Phelps, Edward J. Hoffman, Nizar A. Mullani, and Michel M. Ter-Pogossian 210

CONCISE COMMUNICATIONS

RADIOCHROMATOGRAPHIC QUALITY CONTROL: A SIMPLIFIED SYSTEM
Marshall L. Sunderland 225

COMPONENT RESOLUTION INDICES FOR SCINTILLATION CAMERA SYSTEMS
Valerie A. Brookeman 228

EFFECT OF GROWTH RATE AND SIMIAN ADENOVIRUS-7 TRANSFORMATION ON IN VITRO ⁶⁷Ga BINDING TO HAMSTER EMBRYO CELLS
Richard A. Gams, Walter K. Long, Charles A. Alford, and Jerry D. Glickson 231

CASE REPORTS

RADIONUCLIDE DETECTION OF A PHEOCHROMOCYTOMA
Ronald D. Petrocelli and Richard A. Wetzel 234

ANAPHYLACTOID REACTION TO HUMAN ALBUMIN MICROSPHERES
Richard L. Littenberg 236

TECHNETIUM-99m-DIPHOSPHONATE ACCUMULATION IN AMYLOID
J. D. VanAntwerp, R. E. O'Mara, M. J. Pitt, and S. Walsh 238

RADIOACTIVE EMBOLIZATION FROM UPPER-EXTREMITY THROMBOPHLEBITIS
Letty G. Lutzker and Louis A. Perez 241

PRELIMINARY NOTE

A POTENTIAL NEW BRAIN-SCANNING AGENT: 4-⁷⁷Br-2,5-DIMETHOXYPHENYL-ISOPROPYLAMINE (4-Br-DPIA)
 Thornton Sargent III, D. Abbo Kalbhen, Alexander T. Shulgin, Henry Stauffer,
 and Natasha Kusubov 243

LETTERS TO THE EDITOR

PHOTON SPECTRA OF ¹²⁵I AND ¹²⁹I
 William H. Oldendorf 246

RADIATION DOSIMETRY OF ¹²⁵I-19-IODOCHOLESTEROL: THE PITFALLS OF USING
 TISSUE CONCENTRATION DATA
 Monte Blau 247

THE AUTHORS' REPLY
 Alan S. Kirschner, Rodney D. Ice, and W. H. Beierwaltes 248

RETENTION OF ^{99m}Tc-SULFUR COLLOID IN THE LUNGS
 John W. Turner, Ibrahim B. Syed, and Ronald P. Hanc 249

THE AUTHOR'S REPLY
 William C. Klingensmith III 250

SCINTIGRAPHIC APPEARANCE OF NECROTIC LIVER METASTASIS IDENTICAL WITH
 THAT OF AMEBIC ABSCESSSES
 M. J. K. DeRoo 250

CALENDAR 252, 254

PLACEMENT 62A, 64A, 66A

